

# PATENT ABSTRACTS OF JAPAN

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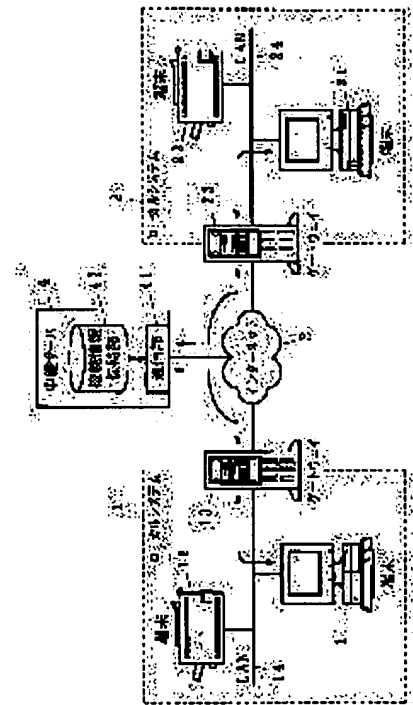
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## (54) RELAY SERVER AND COMMUNICATION SYSTEM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a communication system which implements connection from the Internet to a terminal in a local system, or connection between terminals in different local systems, while ensuring the security of local systems.

**SOLUTION:** A user ID and a password of each terminal are stored in a connection information storage unit 42 beforehand. After a terminal 11 has been connected with a relay server 4, the terminal is authenticated by its user ID and password and keeps the connection. A terminal 21 is connected with the relay server 4 in the same way and keeps the connection. When a connection request from the terminal 11 to the terminal 21 is transmitted to the relay server 4, the transit server 4 transfers the connection request to the terminal 21 and enables communication between the terminals. Then, when the terminal 11 transfers data to the relay server 4, the relay server 4 relays data to transmit it to the terminal 21. According to this arrangement, communication can be conducted mutually among terminals in different systems.



## LEGAL STATUS

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